

Amendments to the Claims:

1. (Currently Amended) A combustion exhaust gas processing device comprising:

a dust collector collecting dust in combustion exhaust gas;

a wet dust collector collecting water soluble components and dust in the combustion exhaust gas passed through the dust collector; and

a catalyst tower decomposing and removing NO_x and/or dioxins in the combustion exhaust gas passed through the wet dust collector;

wherein the combustion exhaust gas is exhausted from a cement kiln.

2. (Original) The combustion exhaust gas processing device as claimed in claim 1, further comprising a reheater heating the combustion exhaust gas discharged from the wet dust collector at a front stage of the catalyst tower.

3. (Currently Amended) The combustion exhaust gas processing device as claimed in claims 1 or 2, further comprising an oxidizer adding device adding an oxidizer to the combustion exhaust gas passed through the dust collector.

4. (Currently Amended) The combustion exhaust gas processing device as claimed in claims 1, or 2 ~~or 3~~ further comprising a solid/liquid separator separating slurry discharged from the wet dust collector into solid and liquid phases, and a mercury absorbing tower absorbing mercury in liquid separated in the solid/liquid separator.

5. (Currently Amended) The combustion exhaust gas processing device as claimed in ~~one of~~ claims 1 ~~to 4~~ or 2 further comprising a heat recovering device, at a rear stage of the catalyst tower, heating gas supplied from the reheater with the combustion exhaust gas discharged from the catalyst tower.

6. (Currently Amended) The combustion exhaust gas processing device as claimed in claim 3, ~~4 or 5~~ wherein said oxidizer includes hypochlorous acid soda and/or ozone.

7. (Currently Amended) The combustion exhaust gas processing device as claimed in ~~one of~~ claims 1 ~~to 6~~ or 2 wherein said wet dust collector is a mixing scrubber.

8. (Cancelled)

9. (Currently Amended) A method of processing a combustion gas comprising the steps of:

collecting dust in combustion exhaust gas;

collecting water soluble components and dust in the combustion exhaust gas through wet process; and

decomposing and removing NO_x and/or dioxins in the combustion exhaust gas after said wet dust collection by using catalyst;

wherein the combustion exhaust gas is exhausted from a cement kiln.

10. (Original) The method of processing a combustion exhaust gas as claimed in claim 9, further comprising the step of heating the combustion exhaust gas before decomposing and removing NO_x and/or dioxins in the combustion exhaust gas by using catalyst.

11. (Currently Amended) The method of processing a combustion exhaust gas as claimed in claims 9 or 10, further comprising the step of adding an oxidizer to the combustion exhaust gas after the dust collection.

12. (Currently Amended) The method of processing a combustion exhaust gas as claimed in claims 9; **or** 10 ~~or 11~~ further comprising the step of solid/liquid separating the slurry generated by the wet dust collection, and adsorbing mercury in liquid separated in the solid/liquid separation.

13. (Currently Amended) The method of processing a combustion exhaust gas as claimed in one of claims 9 ~~to 12~~ **or 10** wherein residence time of said exhaust gas in the wet dust collector is more or equal to 1 second and less or equal to 10 seconds.

14. (Currently Amended) The method of processing a combustion exhaust gas as claimed in claim 11, ~~12 or 13~~ wherein said oxidizer includes hypochlorous acid soda and/or ozone.

15. (Cancelled)